BRUHAT BANGALORE MAHANAGARA PALIKE

APPROVED SCHEDULE - B

EE/BTP/BBMP/E-PMT/10/2017-18, Date: 24.11.2017

Construction of building and other developmental works at Shadimahal Jakkur layout in ward no. 07.

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of B M Muniraju	
				In Figures	In Words
1	121.73	KSRB 5-14 : Providing and constructing non load bearing wall with solid concrete blocks having block desnsity not less than 1800 Kg/m3 having a minimum average compressive strength 5.00 N/mm2 confirming to to IS 2185 (pART 1): 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials labouor charges, scaffolding, curing, hire charges of machineries etc., complete as per specifictaions. with solid concrete blocks of size 400x150x200 mm. Page No. 25/ Item No.27.2.	Sqm	1057.5	Rupees One Thousand Fifty Seven and Fifty Paise Only
2	35.85	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams. Page No. 18 / Item No. 4.48.1/ PWD SR 2016-17	cum	6635.04	Rupees Six Thousand Six Hundred Thirty Five and Four Paise Only
3	4.48	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 Page No. 17/ Item No. 4.46.3/ PWD SR 2016-17	tonne	68401.06	Rupees Sixty Eight Thousand Four Hundred One and Six Paise Only
4	211.86	KSRB 15.3.13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 123 / Item No. 15.21 / PWD SR 2016-17	Sqm	217.82	Rupees Two Hundred Seventeen and Eighty Two Paise Only
5	257.07	KSRB 15.3.11 :Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 123 / Item No. 15.19 / PWD SR 2016-17 (Inside wall)	Sqm	264.09	Rupees Two Hundred Sixty Four and Nine Paise Only
6	468.93	KSRB 15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. (P. 124 / I. 15.33PWD SR 2016-17	Sqm	28.22	Rupees Twenty Eight and Twenty Two Paise Only
7	526.43	KSRB 15.3.9: Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Page No. 123 / Item No. 15.17 /PWD SR 2016-17 (Out side Wall)	Sqm	223.46	Rupees Two Hundred Twenty Three and Forty Six Paise Only
8	218.18	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.16 / I.4.29) PWD SR 2016-17	Sqm	620.73	Rupees Six Hundred Twenty and Seventy Three Paise Only
9	99.49	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications.Specification NO. KBS 4.6.2 Page No. 16/ Item No. 4.28 / PWD SR 2016-17	Sqm	260.71	Rupees Two Hundred Sixty and Seventy One Paise Only

Singature of the contractor

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of B M Muniraju	
				In Figures	In Words
10	370.44	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S.square rods, or combination of M.S. flats and square rods as per approved design, drawning including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12 PWD SR 2016-17 (P.37 / I.7.9)	Sqm	88.03	Rupees Eighty Eight and Three Paise Only
11	27.81	Supply and fixing pressed steel door frames size 125x65 mm manufacture from 1.25mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and sutters made out of seasoned honne wood, styles of 30mm, thick with lock rail of 160mm, width, top and side rails of 100mm, width width and bottom rails of 250 mm width and panel filling with 12mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be not proof, vermin proof, heat resistant guaranteed against shrinkage, warpage and such other defects for a period of 3 years, this shall be as per approved drawings, specification and direction including cost of conveyance, manufacturing, painting wit enamel paint 2 coats over primer coat, cost of labour for all items of work, machinery, equipment and all other incidental charges with all lead, lift, loading and unloading etc, complete the hollow portion of the frame to be filled with cement concrete1:2:4. Page No. 45 / Item No. 7.26 / PWD SR 2016-17	Sqm	3950.1	Rupees Three Thousand Nine Hundred Fifty and Ten Paise Only
12	30.6	KSRB 7.10 : Providing and fixing in position anodized aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick bottom section weight 0.695 Kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg/m, shutter outer side 40mmx18mm, 1.25mm, thick, weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc ; and providing and fixing 5.5mm, thick plain glass for shutters fitted with rubber beading aluminium section anodised 12 to 15 microns, including cutting to required length, joints mitred subdividing the frame tenonned and riveted in the assembled frame stiffened with end clops at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, aluminium sections retreated for removal of any rust and protection	Sqm	4308.99	Rupees Four Thousand Three Hundred Eight and Ninety Nine Paise Only
13	3.78	Providing & fixing factory made PVC Door frame of size 50x47 mm with a wall thickness of 5mm, made out of extruded 7mm rigid PVC foam sheet metered cut at corners & jointed 2No.s of 150mm long brackets of 15x15 mm M.S. Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufactures specification & direction of Engineer-in charge Page No. 63 / Item No. 9.84 / PWD SR 16-17 SOLID PVC DOOR FRAME	Sqm	593.64	Rupees Five Hundred Ninety Three and Sixty Four Paise Only
14	3.78	SOLID PANEL PVC DOOR SHUTTER Providing and fixing 30 mm thick factorily made rigid foam panelled door shutters made from M.S Tuvbe of 19 gauge thickeness size 19x19 mm tro styles and 15x15mm for top and bottom rails, coverted with heat moulded PVC channel of 5 mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rails & bottom rail panelling of 5 mm thick 20mm wide PVC sheet fittled in te M.S Frame sealed to the styless & rails with 5 x 30mm PVC sheet beading on ewither sides & joined together with solvent cement adhesive etc., complete as per manufactures specification & direction of Engineer - in charge fixed to frames with 3 nos, of 75mm Aluminium hinges Page No. 63 / Item No. 9.83 / PWD 2016-17	Sqm	3603.62	Rupees Three Thousand Six Hundred Three and Sixty Two Paise Only
15	937.86	KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after thoroughly brooming the surface free from mortar drops and other foregin matter including preparing the surface even and sand paper smooth, cost of materials, labours, complete as per specifications PWD SR 2015-16 Page No. 124 / Item No. 15.49	Sqm	80.13	Rupees Eighty and Thirteen Paise Only

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of B M Muniraju	
				In Figures	In Words
16	526.43	KSRB 15-16.1: providing and finishing external walls in tow coats with water proof cement paint of approve brand and shade to give an even shade after thourghly brooming the surface to remove all dirt and losse powdered material, free from mortar dops and other foreign matter cost of materials, labours, complete as per specifications PWD SR2016-17(P.127 / I.15.53.2) with Primer	Sqm	94.8	Rupees Ninety Four and Eighty Paise Only
17	84.59	KSRB 14.14.2: Providing colour glazed tiles of size 10mm thick for flooring, treads of steps and landing, laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing using white cement with matching colour pigment, including cost of materials, labour, complete as per specifications. Specification No. KBS 14.15.2. Page No. 115 / Item No. 14.41.2 / PWD SR SR2016-17	Sqm	1674.84	Rupees One Thousand Six Hundred Seventy Four and Eighty Four Paise Only
18	207.8	Item No. 14.44-1 , Providing vitrified tiles 60x60cms of approved make, shade and size for flooring laid on a bed of 12mm thick cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing complete as per specifications, Rs,1445.00 Page No. 107/ Item No. 14.45 / PWD SR 2016-17	Sqm	1255.0	Rupees One Thousand Two Hundred Fifty Five Only
19	37.8	Providing and fixing 20mm thick gang saw water cut telephonic black granite in CM 1:4, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, grooves in joints . Grooves in joints including cost of curing etc., complete including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification. Page No. 116/ Item No. 14.59 / PWD SR 2016-17	Sqm	4170.18	Rupees Four Thousand One Hundred Seventy and Eighteen Paise Only
20	39	Providing and fixing 40mm thick sadarhalli grey flamed granite slab for bath areas in Bathrooms over a bed of 25mm thick CM 1:6 and fixing granite slab with CM: 1:3 . Page No. 109/ Item No. 15.57 / PWD SR 2016-17	Sqm	2134.18	Rupees Two Thousand One Hundred Thirty Four and Eighteen Paise Only
21	180.63	KSRB 14.10.1 : Flooring with 25mm to 40mm thick polished tandur blue stone slabs using mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications. Page No. 103/ Item No. 14.15 / PWD SR 2016-17	Sqm	1265.16	Rupees One Thousand Two Hundred Sixty Five and Sixteen Paise Only
22	40	KSRB 8.6-7: Providing and fixing in wall surface 4 kg/sq.cm H.D.P.E. rain down water pipes 90 mm outer dia approved make and brand with necessary specials like shoes bends and offsets fixed with iron clamps, walls plugs, screws, including cost of materials, labour, complete as per specifications. Page No. 52/ Item No. 8.18 / PWD SR2016-17	m	483.04	Rupees Four Hundred Eighty Three and Four Paise Only
23	187	KSRB 10-2: Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc, consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75kg/sqm conforming admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment, (b) laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junction of walls and slabs, (c) after two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 3000x300mm square, (e) the whole terrace so	Sqm	1020.25	Rupees One Thousand Twenty and Twenty Five Paise Only
24	2	KSRB 11.11.1 : Providing and fixing white vitreous china clay, flat back wash basin of size 630x450mm with pair of 15mm C.P brass pillar taps with C.I./M.S. brackets, 32mm C.P. brass waste of standard pattern, painting of fitting and brackets ,cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11. Page No. 82 / Item No. 12.23 PWD SR 2016-17	Sqm	4385.74	Rupees Four Thousand Three Hundred Eighty Five and Seventy Four Paise Only

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of B M Muniraju	
				In Figures	In Words
25	2	KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal Type) with black solid plastic seat and lid, C. P. brass hinges, rubber buffers. 10 litre low level, P.V.C. flushing cistern (all are approved make) with fittings, C.I. / M.S. brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labours complete as per specifications. KBS 11 Specification No. KBS 11 Page No. 79 / Item No. 12.5 PWD SR 2016-17	Sqm	5789.72	Rupees Five Thousand Seven Hundred Eighty Nine and Seventy Two Paise Only
26	160	KSRB :13-8.3 : Providing and fixing to wall, ceiling and floor, low density poluethylene pipes kgs/sq.cm working pressure 32mm outside diameter, compression type fittings, wall clips, making good the wall ceiling and floor cost of materials, labour charges HOM of equipments and testing exeluding cost of fittings,complete as per specifications Specification No KBS 13.2.15.1/ 13.9/(Page No.100 / Item No. 13.68 PWD SR2016-17	Sqm	208.79	Rupees Two Hundred Eight and Seventy Nine Paise Only
27	65	KSRB 13-1.4 : Providing and fixing to wall, ceiling and floor galvanised / mild steel tube 32mm dia nominal bore with fittings (medium grade weight 3.23 kg/mtr) Page No. 90 / Item No. 13.4 / PWD SR2016-17	m	395.01	Rupees Three Hundred Ninety Five and One Paise Only
28	5	KSRB 13-6.3.5: Providing and fixing in position brass gate valve with C.I. wheel of approved quality (screwed end) 32mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.6 / 13.3 Page No. 92 / Item No. 13.35 / PWD SR 2016-17	Nos	1098.13	Rupees One Thousand Ninety Eight and Thirteen Paise Only
29	65	KSRB 13-6.6.1: Providing and fixing unplasticised PVC connection pipe with brass union 15mm nominal bore 300 mm length of PVC connection including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Page No. 93 / Item No. 13.60 / PWD SR 2016-17	Nos	952.54	Rupees Nine Hundred Fifty Two and Fifty Four Paise Only
30	25	KSRB 13-6.1.2 : Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification NO. KBS 13.2.2 / 13.3, Page No. 96 / Item No. 13.24 / PWD SR 2016-17	Nos	201.1	Rupees Two Hundred One and Ten Paise Only
31	2000	Supppying water storage tanks made of virgin polymer (LLDPE) with two layers outer black of blue and inner white layer of approved quality and make, conforming to ISI / ISO / SSI specifications, No. 265 / Item No. 37.58 PWD SR2016-17	Ltr	6.77	Rupees Six and Seventy Seven Paise Only

Signature of the Contractor

Executive Engineer
Byarayanapura Division
BBMP, Bangalore - 92

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